Abstract

The present invention relates to an economic synthetic method of 2-deoxy-L-ribose with easy reaction, separation and purification. The present invention consists of four (4) steps including protection, activation of 3- and 4-OH groups, inversion and deprotection steps. In respect to the cost for equipment, reagent and operation, by the present invention, 2-deoxy-L-ribose can be produced more economically because the invention uses 2-deoxy-L-ribose which is abundant in nature and easily synthesized from D-glucose and adopt simple and yielding process.